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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

### Complete if Known

Application Number	10/812,062
Filing Date	March 30, 2004
First Named Inventor	Barin Geoffry HASKELL et al.
Art Unit	2631
Examiner Name	To be assigned
Attorney Docket Number	02777/3293

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/A.H./		Siwei Ma et al., "Rate Control for Advance Video Coding (AVC) Standard," <i>Proceedings of the 2003 IEEE International Symposium on Circuits and Systems</i> , Volume II of V, 2003, pp. 892-5.	
/A.H./		Arian Koster, "Coded Representation of Picture and Audio Information," International Organisation for Standardisation, Telecommunication Standardization Sector, Study Group 15, Experts Group for ATM Video Coding (Rapporteur's Group on Part of Q.2/15), Document AVC-491, Version 1, April 1993, 126 pp.	

Examiner  
Signature

/Anner Holder/

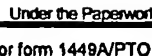
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Sheet	1	of	1
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<b>First Named Inventor</b>	<b>Barin HASKELL, et al.</b>
<b>Art Unit</b>	<b>2621</b>
<b>Examiner Name</b>	<b>Nhon Thanh Diep</b>
<b>Attorney Docket Number</b>	<b>13316-3293</b>

## U.S. PATENT DOCUMENTS

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Filing Date	March 30, 2004
First Named Inventor	HASKELL et al.
Art Unit	2631
Examiner Name	Not assigned
Attorney Docket Number	2777/3293

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/A.H./		J. Lee and B.W. Dickinson, "Scene-adaptive motion interpolation structures based on temporal masking in human visual perception," in <i>Proc. SPIE Conference on Visual Comm. and Image Processing</i> , Cambridge, 1993, pp. 499-510.	
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/A.H./		C-L. Huang and B-Y Liao, "A robust scene-change detection method for video segmentation," <i>IEEE Signal Processing Letters</i> , vol. 7, no. 7, pp. 173-175, July 2000.	
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/A.H./		H.J. Zhang, C.Y. Low, and S.W. Smoliar, "Video parsing and browsing using compressed data," <i>Multi-media Tools and Applications</i> , vol. 1, no. 1, pp. 89-111, March 1995.	
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Sheet 2 of 2

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Filing Date	March 30, 2004
First Named Inventor	HASKELL et al.
Art Unit	2631
Examiner Name	Not assigned
Attorney Docket Number	2777/3293

**NON PATENT LITERATURE DOCUMENTS**

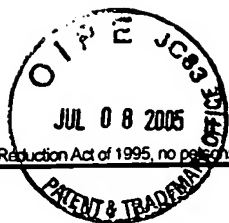
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/A.H./		J. Bescos, G. Cisneros, and J.M. Menendez, "Multidimensional comparison of shot detection algorithms," in <i>Proceedings of IEEE International Conference on Image Processing</i> , 2002, vol. 2, pp. 401-403.	
/A.H./		J. Meng, Y. Juan, and S.F. Chang, "Scene change detection in a MPEG compressed video sequence," in <i>Digital Video Compression: Algorithms and Technologies</i> , 1995, vol. SPIE-2419, pp. 14-25.	
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Sheet 1 of 10

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Application Number	10/812,062
Filing Date	03/30/2004
First Named Inventor	HASKELL, Barin Geoffry
Art Unit	2631
Examiner Name	to be assigned
Attorney Docket Number	13316/3293

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
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/A.H./	33	US- 5,473,376	12/05/1995	Auyeung	
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Sheet 3 of 10

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/A.H./	61	US- 5,835,149	11/10/1998	Astle	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 10

**Complete if Known**

Application Number	10/812,062
Filing Date	03/30/2004
First Named Inventor	HASKELL, Barin Geoffry
Art Unit	2631
Examiner Name	to be assigned
Attorney Docket Number	13316/3293

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)				
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/812,062
		Filing Date	03/30/2004
		First Named Inventor	HASKELL, Barin Geoffry
		Art Unit	2631
		Examiner Name	to be assigned
Sheet 5 of 10	Attorney Docket Number	13316/3293	

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/A.H./	100	CHEN, T., MPEG4 Video Verification Model VM 5.0, pages 2-192
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/812,062
		Filing Date	03/30/2004
		First Named Inventor	HASKELL, Barin Geoffry
		Art Unit	2631
		Examiner Name	to be assigned
Sheet 6 of 10	Attorney Docket Number	13316/3293	

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/A.H./	112	KOK, C. W. et al.: "Image Coding Using DCT of Wavelet Coefficients," Proceedings of the IEEE-SP International Symposium Time-Frequency and Time-Scale Analysis (CT. No. 92TH0478-8), pp. 475-478, XP002115625 1992, NY, NY, IEEE, USA ISBN: 0-7803-0805, Victoria, BC, Canada, 4-6 Oct. 1992
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/812,062
		Filing Date	03/30/2004
		First Named Inventor	HASKELL, Barin Geoffry
		Art Unit	2631
		Examiner Name	to be assigned
Sheet 7 of 10	Attorney Docket Number	13316/3293	

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>†</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
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Sheet 8 of 10

**Complete if Known**

Application Number	10/812,062
Filing Date	03/30/2004
First Named Inventor	HASKELL, Barin Geoffry
Art Unit	2631
Examiner Name	to be assigned
Attorney Docket Number	13316/3293

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
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/A.H./	131	AD HOC GROUP ON MPEG-4 VIDEO VM EDITING, "MPEG-4 VIDEO VERIFICATION MODEL VERSION 3.2," INTERNATIONAL ORGANISATION FOR STANDARDISATION ISO/IEC JTC1/SC29/WG11, Coding of Moving Pictures and Associated Audio Information, Chicago, September 1996
/A.H./	132	PURI, A., SCHMIDT, R. L. and HASKELL, B. G. (AT&T); INTERNATIONAL ORGANISATION FOR STANDARDISATION ISO/IEC JTC1/SC29/WG11 MPEG96/1320; Coding of Moving Pictures and Associated Audio; "Description and Results of Coding Efficiency Experiment T9 (part 4) in MPEG-4 Video"; Sept. 1996, Chicago
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/A.H./	137	HASKELL, Barry G., PURI, Atul and NETRAVALI, Arun N., "Digital Video: An Introduction To MPEG-2," <i>Digital Multimedia Standards</i> ; Chapter 17, "MPEG-4 and the Future," 1997
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Sheet 9 of 10

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Application Number	10/812,062
Filing Date	03/30/2004
First Named Inventor	HASKELL, Barin Geoffry
Art Unit	2631
Examiner Name	to be assigned
Attorney Docket Number	13316/3293

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/A.H./	140	TEKALP & VAN BEEK, "CORE EXPERIMENT M2: Triangular Mesh-Based Coding with Object-Based Functionalities," International Organization for Standardisation - University of Rochester, ISO/IEC JTC1/SC29/WG11 MPEG96/1627, pages 1-18, February 1997
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Examiner Signature	/Anner Holder/	Date Considered	09/12/2007
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STATEMENT BY APPLICANT**

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Sheet 10 of 10

**Complete if Known**

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